

**IN THE SPECIFICATION**

Please replace the paragraph beginning on line 3, page 5, with the following amended paragraphs.

**Figure [[8a]] 8b** illustrates for one embodiment, a method for implicating normal satisfiability using an abstracted simulation relation of an abstracted antecedent strengthened assertion graph.

**Figure 8c** illustrates for one alternative embodiment, a modified method for implicating normal satisfiability using an abstracted simulation relation.